

24 2003

EXPRESS MAIL NO. EV336594984US

Sheet 1 of 6

FORM PTO-14 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 191115.407C2	APPLICATION NO. 09/885,002
		APPLICANTS David Adams et al.	
		FILING DATE June 21, 2001	GROUP ART UNIT 2683

INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

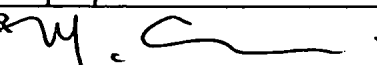
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
man	AA	5,481,588	01/02/96	Rickli et al.	379	32	
man	AB	5,490,204	02/06/96	Gulledge	379	59	
man	AC	5,615,225	03/25/97	Foster et al.	379	29	
man	AD	5,706,333	01/06/98	Grenning et al.	379	59	
man	AE	5,768,689	06/16/98	Borg	455	67.4	
man	AF	5,835,564	11/10/98	Chang et al.	379	1	
man	AG	5,903,633	05/11/99	Lorsch	379	114	
man	AH	5,930,707	07/27/99	Vambaris et al.	455	424	
man	AI	5,931,907	08/03/99	Davies et al.	709	218	
man	AJ	5,933,776	08/03/99	Kirkpatrick	455	423	
man	AK	5,987,306	11/16/99	Nilsen et al.	455	67.1	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
man	AL	WO 98/58509	12/23/98	WIPO		✓
man	AM	WO 99/25140	05/20/99	WIPO		✓
man	AN	WO 99/27721	06/03/99	WIPO		✓

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

man	AO		"What is a Type-56 Responder/Type-105 Test Line?" Sage Instruments, Freedom, CA.			
man	AP		"356EC Cellular Responder," Sage Instruments, Freedom, CA, 1991.			
man	AQ		"356 TMK Cellular Responder," Sage Instruments, Freedom, CA, 1991.			

EXAMINER 	DATE CONSIDERED 12/10/04
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* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

NOV 24 2003

EXPRESS MAIL NO. EV336594984US

Sheet 2 of 6

FORM PT 449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

191115.407C2

APPLICATION NO.

09/885,002

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APPLICANTS

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FILING DATE

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2683

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ma	BA	6,055,425	04/25/00	Sinivaara	455	431	
ma	BB	6,118,982	09/12/00	Ghisler et al.	455	67.4	
ma	BC	6,230,002	05/08/01	Floden et al.	455	411	
ma	BD	6,230,006	05/08/01	Keenan et al.	455	424	
ma	BE	6,233,448	05/15/01	Alperovich et al.	455	417	
ma	BF	6,234,810	05/22/01	Schnell et al.	439	76.1	
ma	BG	6,234,844	05/22/01	Somerville et al.	439	630	
ma	BH	6,236,853	05/22/01	Mee et al.	455	414	
ma	BI	6,240,301	05/29/01	Phillips	455	550	
ma	BJ	6,244,553	06/12/01	Wang	248	278.1	
ma	BK	6,244,911	06/12/01	Heim	439	862	
ma	BL	6,249,276	06/19/01	Ohno	345	173	
ma	BM	6,253,073	06/26/01	Cooper	455	411	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
					YES NO
	BN				

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

ma	BO	"Specifications: 930A Communications Test Set," Sage Instruments, Freedom, CA, 1990.
ma	BP	"CellSTAR Automated Transmission Test System," Sage Instruments, Freedom, CA.
ma	BQ	"CellSTAR," Sage Instruments, Freedom, CA, 1992.
ma	BR	"CellSTAR System Worksheet," Sage Instruments, Freedom, CA, 1992.

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FORM PTO 449
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ma	CA	6,259,921	07/10/01	Totaro et al.	455	445	
ma	CB	6,259,929	07/10/01	Kuisma	455	550	
ma	CC	6,261,128	07/17/01	Heim et al.	439	630	
ma	CD	6,264,506	07/24/01	Yasufuku et al.	439	638	
ma	CE	6,266,527	07/24/01	Mintz	455	423	
ma	CF	6,272,450	08/07/01	Hill et al.	703	13	
ma	CG	6,278,706	08/21/01	Gibbs et al.	370	352	
ma	CH	6,278,886	08/21/01	Hwang	455	566	
ma	CI	6,282,182	08/28/01	Pecen et al.	370	336	
ma	CJ	6,282,491	08/28/01	Bochmann et al.	701	209	
ma	CK	6,283,376	09/04/01	Schuder et al.	235	486	
ma	CL	6,285,869	09/04/01	Shannon et al.	455	411	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	CM					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

ma	CN	"Revenue Assurance Products," <i>Network Performance Improvement Products</i> , Comarco Wireless Technologies, http://www.comarco.com/html/revenue_assurance_series.htm , accessed August 10, 1998.
ma	CO	"Automated Remote Origination Network Test System," IC Engineering, Inc., Owings Mills, MD, November, 1991.
ma	CP	"Model RTS-1 Remote Access/Loopback Terminal Set Instructions," Metro Tel, Practise 56-0018, Issue 2, September 1991.
ma	CQ	Huffman, M., "Cut Travel Time For Translations," <i>Telephone Employees & Management</i> , pages 72-73, March 1, 1992.

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FORM PTO-449
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man	DA	6,292,666	09/18/01	Siddiqui et al.	455	456	
man	DB	6,292,668	09/18/01	Alanara et al.	455	466	
man	DC	6,295,454	09/25/01	Havinis et al.	455	456	
man	DD	6,298,247	10/02/01	Alperovich et al.	455	558	
man	DE	6,301,475	10/09/01	Saarela et al.	455	426	
man	DF	6,305,960	10/23/01	Fan	439	188	
man	DG	6,307,934	10/23/01	Möster et al.	379	438	
man	DH	6,308,069	10/23/01	Freitag et al.	455	435	
man	DI	6,308,070	10/23/01	Laster	455	445	
man	DJ	6,308,317	10/23/01	Wilkinson et al.	717	5	
man	DK	6,311,054	10/30/01	Korpela	455	406	
man	DL	6,311,055	10/30/01	Boltz	455	414	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	DM					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

man	DN	"TMS Product Catalog," Metro Tel, Hicksville, NY, September 1991.
man	DO	"Remote Test Set: Instruction Manual - Model RTS-1," Metro Tel Corp., Hicksville, NY.
man	DP	"ARONTS Presentation Outline," Metro Tel Sales Presentation, 1991.
man	DQ	"Remote Loopback Test Set Model RTS-1," Metro Tel Corp., Hicksville, NY, April 1988.

EXAMINER

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12/10/04

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FORM PTOL 449
(REV. 7-80)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
191115.407C2

APPLICATION NO.
09/885,002

INFORMATION DISCLOSURE STATEMENT
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APPLICANTS
David Adams et al.

FILING DATE
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ARCu	EA	6,314,290	11/06/01	Joshi et al.	455	427	
men	EB	6,320,751	11/20/01	Takeda et al.	361	737	
men	EC	6,320,873	11/20/01	Nevo et al.	370	466	
men	ED	6,321,079	11/20/01	Cooper	455	411	
men	EE	6,321,084	11/20/01	Horrer	455	431	
men	EF	6,324,402	11/27/01	Waugh et al.	455	445	
men	EG	6,324,412	11/27/01	Alen et al.	455	567	
men	EH	6,326,543	12/04/01	Lamp et al.	174	52.1	
men	EI	6,327,153	12/04/01	Rauhala et al.	361	737	
men	EJ	6,332,579	12/25/01	Ritter	235	492	
men	EK	6,334,052	12/25/01	Nordstrand	455	411	
men	EL	6,341,069	01/22/02	Torlotin	361	737	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	EM					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

men	EN	"Remote Access & Test Set Model RTS-1," Metro Tel Corp., Jericho, NY, 1992.
men	EO	"Telephone Network Test System," Metro Tel Corp., Hicksville, NY.
men	EP	U.S. Patent Application No. 10/194,937, filed July 11, 2002.
men	EQ	U.S. Patent Application No. 10/194,417, filed July 11, 2002
men	ER	U.S. Patent Application No. 10/194,938, filed July 11, 2002.

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FORM PTO-299 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 191115:407C2	APPLICATION NO. 09/885,002
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS David Adams et al.	
		FILING DATE June 21, 2001	GROUP ART UNIT 2683

U.S. PATENT DOCUMENTS

Technology Center 2600

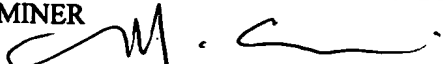
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ma	FA	6,341,220	01/22/02	Hurme	455	410	
ma	FB	6,341,228	01/22/02	Hubbe et al.	455	566	
ma	FC	6,343,945	02/05/02	Liikanen	439	160	
ma	FD	6,349,204	02/19/02	Goetz et al.	455	419	
ma	FE	6,353,737	03/05/02	Herzog	455	418	
ma	FF	6,375,073	04/23/02	Aebi et al.	235	379	
ma	FG	6,384,789	05/07/02	Hofmann	343	702	
ma	FH	6,385,300	05/07/02	Mohammadian et al.	379	21	
ma	FI	6,430,410	08/06/02	Staber	455	423	
ma	FJ	6,456,859	09/24/02	Desblancs et al.	455	558	
ma	FK	6,542,738	04/01/03	Keenan et al.	455	424	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	FL					
	FM					
	FN					
	FO					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

ma	FP	U.S. Patent Application No. 10/194,450, filed July 11, 2002.
ma	FQ	U.S. Patent Application No. 10/194,430, filed July 11, 2002.
ma	FR	U.S. Patent Application No. 10/194,440, filed July 11, 2002.

EXAMINER 	DATE CONSIDERED 12/10/04
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 FORM PTO-1449
 (REV. 7-80)

U.S. DEPARTMENT OF COMMERCE
 PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
 191115.407C2

APPLICATION NO.
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APPLICANTS

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>mu</i>	AA	5,875,398	02/23/99	Snapp	455	424	
	AB						
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	AD						
	AE						
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	AH						
	AI						
	AJ						

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JUL 23 2004

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AK					
	AL					
	AM					
	AN					
	AO					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP		
	AQ		
	AR		

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